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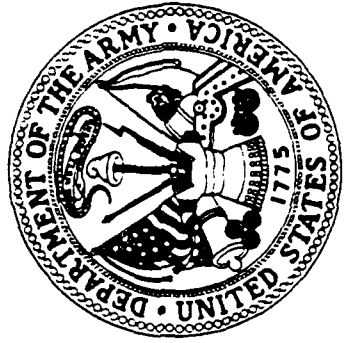
# DEPARTMENT OF THE ARMY

JUSTIFICATION OF ESTIMATES FOR FY 1992/FY 1993 BIENNIAL BUDGET

SUBMITTED TO CONGRESS

FEBRUARY 1991

AD-A232 586



AIRCRAFT PROCUREMENT, ARMY PROGRAMS

AIRCRAFT	MISSILES
WEAPONS AND TRACKED COMBAT VEHICLES	OTHER
AMMUNITION	

DTIC ELECTE  
MAR 25 1991  
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DEPARTMENT OF THE ARMY  
Office of the Assistant Secretary of the Army  
(Financial Management)

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Statement A, per phone call with Larry  
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DEPARTMENT OF THE ARMY  
AIRCRAFT PROCUREMENT , ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1992/1993 BUDGET

TABLE OF CONTENTS

	<u>PAGE NO.</u>
Section 1 - Budget Appendix Extract .....	1-1
Section 2 - Budget Activity Justifications .....	1-24
Section 3 - Comparison of Program Requirements and Financing .....	1-37
Section 4 - Status of Aircraft Modification Programs .....	1-45
Section 5 - Flight Simulator Program .....	1-49

AIRCRAFT PROCUREMENT, ARMY

Section 1

Budget Appendix Extract

Appropriation Language  
Program and Financing Schedule

APPROPRIATION LANGUAGE

For construction, procurement, production, modification, and modernization of aircraft, equipment, including ordnance, ground handling equipment, spare parts, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefor, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes; \$1,667,700,000 in fiscal year 1992 to remain available for obligation until September 30, 1994, and \$1,247,400,000 in fiscal year 1993 to remain available for obligation until September 30, 1995 of which \$479,000,000 in fiscal year 1992 and \$412,000,000 in fiscal year 1993 shall be made available only for the Army National Guard and Army Reserve.

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	21-2031-O-1-051	Budget Plan (amounts for PROCUREMENT actions programed)			
		1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft	1,893,848	355,647	847,091	686,915
00.0201	Modification of aircraft	1,098,272	477,428	658,253	320,875
00.0301	Spares and repair parts	533,644			44,682
00.0401	Support equipment and facilities	187,230	262,712	162,356	194,928
00.9101	Total direct program	3,712,994	1,095,787	1,667,700	1,247,400
01.0101	Reimbursable program	57,507	34,000	10,400	53,600
10.0001	Total	3,770,501	1,129,787	1,678,100	1,301,000
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-26,927	-20,196	3,404	-39,796
13.0001	Trust funds(-)	-30,413	-13,311	-13,311	-13,311
14.0001	Non-Federal sources(-)	-167	-493	-493	-493
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans	-8,333	-15,300		
21.4009	Reprogramming from/to prior year budget plans	-30,908	17,657		
22.4001	Unobligated balance transferred to other accounts	-2,231	-17,657		
23.8001	Red. pursuant to P.L. 99-177 in unob bal (discr)	8,333			
	Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans	15,300			
24.4003	Available to finance subsequent year budget plans	8,251			
25.0001	Unobligated balance lapsing				
39.0001	Budget authority	3,703,406	1,080,487	1,667,700	1,247,400
Budget authority:					
40.0001	Appropriation	3,789,937	1,096,182	1,667,700	1,247,400
40.3501	Appropriation rescinded (-)	-16,000			
40.3601	Appropriation rescinded (unob bal)		-15,300		
40.7501	Reduction pursuant to P.L. 101-165 (-)	-1,058			
40.7502	Reduction pursuant to P.L. 101-511 (-)		-395		
40.8001	Reduction pursuant to P.L. 99-177 (disc) (-)	-44,799			
41.0001	Transferred to other accounts (-)	-25,600			
42.0001	Transferred from other accounts	926			
43.0001	Appropriation (adjusted)	3,703,406	1,080,487	1,667,700	1,247,400

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) SUMMARY

Obligations

Identification code	21-2031-O-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft	1,782,173	327,115	962,979	674,584
00.0201	Modification of aircraft	975,013	764,725	674,091	360,692
00.0301	Spares and repair parts	569,306	15,524	12,095	37,898
00.0401	Support equipment and facilities	205,151	244,509	172,961	194,814
00.9101	Total direct program	3,531,643	1,351,873	1,822,126	1,267,988
01.0101	Reimbursable program	57,989	40,274	10,400	53,600
10.0001	Total	3,589,632	1,392,147	1,832,526	1,321,588
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-22,473	-20,196	3,404	-39,796
13.0001	Trust funds(-)	-30,205	-13,311	-13,311	-13,311
14.0001	Non-federal sources(-)	14	-493	-493	-493
17.0001	Recovery of prior year obligations	-101,943			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans	-600,666	-847,727	-603,024	-448,598
21.4009	Available to finance new budget plans	-8,333	-15,300		
22.4001	Reprogramming from/to prior year budget plans	-2,231	-17,657		
23.8001	Unobligated balance transferred to other accounts	8,333			
24.4002	Red. pursuant to P.L. 99-177 in unob bal (discr)				
24.4003	Unobligated balance available, end of year:				
25.0001	For completion of prior year budget plans	847,727	603,024	448,598	428,010
	Available to finance subsequent year budget plans	15,300			
	Unobligated balance lapsing	8,251			
39.0001	Budget authority	3,703,406	1,080,487	1,667,700	1,247,400
Budget authority:					
40.0001	Appropriation	3,789,937	1,096,182	1,667,700	1,247,400
40.3501	Appropriation rescinded (-)	-16,000			
40.3601	Appropriation rescinded (unob bal)		-15,300		
40.7501	Reduction pursuant to P.L. 101-165 (-)	-1,058			
40.7502	Reduction pursuant to P.L. 101-511 (-)		-395		
40.8001	Reduction pursuant to P.L. 99-177 (disc) (-)	-44,799			
41.0001	Transferred to other accounts (-)	-25,600			
42.0001	Transferred from other accounts	926			
43.0001	Appropriation (adjusted)	3,703,406	1,080,487	1,667,700	1,247,400

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	21-2031-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Relation of obligations to outlays:					
71.0001	Obligations incurred, net	3,536,968	1,358,147	1,822,126	1,267,988
72.4001	Obligated balance, start of year	4,158,855	4,790,403	3,193,303	2,911,118
74.4001	Obligated balance, end of year	-4,790,403	-3,193,303	-2,911,118	-2,422,638
77.0001	Adjustments in expired accounts (net)	4,899			
78.0001	Adjustments in unexpired accounts	-101,943			
90.0001	Outlays	2,808,376	2,955,247	2,104,311	1,756,468



Aircraft Procurement, Army  
Object Classification (in Thousands of dollars) SUMMARY

Identification code	21-2031-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Direct obligations:					
Other services:					
125.004					
126.001	Other	1,188,914	322,492	237,014	165,579
131.001	Supplies and materials	493,035	335,776	246,777	172,400
	Equipment	1,849,694	693,605	1,338,335	930,009
199.001	Total Direct obligations	3,531,643	1,351,873	1,822,126	1,267,988
Reimbursable obligations:					
Other services:					
225.004	Other	19,522	9,369	9,369	9,369
226.001	Supplies and materials	8,096	9,755		9,755
231.001	Equipment	30,371	21,150	1,031	34,476
299.001	Total Reimbursable obligations	57,989	40,274	10,400	53,600
999.901	Total obligations	3,589,632	1,392,147	1,832,526	1,321,588

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1988

Identification code	21-2031-0-1-051	Budget Plan (amounts for PROCUREMENT actions programed)			
		1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft				
00.0201	Modification of aircraft				
00.0301	Spares and repair parts				
00.0401	Support equipment and facilities				
00.9101	Total direct program				
01.0101	Reimbursable program				
10.0001	Total				
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)				
13.0001	Trust funds(-)				
14.0001	Non-federal sources(-)				
17.0001	Recovery of prior year obligations				
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans				
21.4009	Available to finance new budget plans				
23.8001	Reprogramming from/to prior year budget plans				
25.0001	Red. pursuant to P.L. 99-177 in unob bal (discr)				
	Unobligated balance lapsing				

-2,338  
-8,251  
2,338  
8,251

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1988

Obligations

Identification code	21-2031-0-1-05	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft	53,563			
00.0201	Modification of aircraft	100,900			
00.0301	Spares and repair parts	31,736			
00.0401	Support equipment and facilities	24,289			
00.9101	Total direct program	210,488			
01.0101	Reimbursable program	1,104			
10.0001	Total	211,592			
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	4,531			
13.0001	Trust funds(-)	112			
14.0001	Non-Federal sources(-)	181			
17.0001	Recovery of prior year obligations	-52,920			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans	-171,746			
21.4009	Available to finance new budget plans	-2,338			
23.8001	Reprogramming from/to prior year budget plans	2,338			
25.0001	Red. pursuant to P.L. 99-177 in unob bal (discr)	8,251			
39.0001	Unobligated balance lapsing				
39.0001	Budget authority				

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1989

Budget Plan (amounts for PROCUREMENT  
actions programmed)

Identification code	21-2031-0-1-051	190 actual	1991 est.	1992 est.	1993 est.
<b>Program by activities:</b>					
<b>Direct program:</b>					
00.0101	Aircraft				
00.0201	Modification of aircraft				
00.0301	Spares and repair parts				
00.0401	Support equipment and facilities				
00.9101	Total direct program				
01.0101	Reimbursable program				
10.0001	Total				
<b>Financing:</b>					
Offsetting collections from:					
11.0001	Federal funds(-)				
13.0001	Trust funds(-)				
17.0001	Recovery of prior year obligations				
	Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans				
21.4009	Reprogramming from/to prior year budget plans				
22.4001	Unobligated balance transferred to other accounts				
23.8001	Red. pursuant to P.L. 99-177 in unob bal (discr)				
	Unobligated balance available, end of year:				
24 4002	For completion of prior year budget plans				
39.0001	Budget authority				

-5,995  
-5,000  
5,000  
5,995

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1989

Obligations

Identification code	21-2031-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft	138,057	68,662		
00.0201	Modification of aircraft	161,495	43,697		
00.0301	Spares and repair parts	23,901	7,644		
00.0401	Support equipment and facilities	16,457	7,358		
00.9101	Total direct program	339,910	127,361		
01.0101	Reimbursable program	4,025	1,627		
10.0001	Total	343,935	128,988		
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-77			
13.0001	Trust funds(-)	96			
17.0001	Recovery of prior year obligations	-49,023			
Unobligated balance available, start of year:					
21.4002	For completion of prior year budget plans	-428,920	-128,988		
21.4003	Available to finance new budget plans	-5,995			
21.4009	Reprogramming from/to prior year budget plans				
22.4001	Unobligated balance transferred to other accounts	5,000			
23.8001	Red. pursuant to P.L. 99-177 in unob bal (discr)	5,995			
Unobligated balance available, end of year:					
24.4002	For completion of prior year budget plans	128,988			
39.0001	Budget authority				

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1990

Identification code	21-2031-0-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)			
		1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
Aircraft					
00.0101		1,893,848			
00.0201	Modification of aircraft	1,098,272			
00.0301	Spares and repair parts	533,644			
00.0401	Support equipment and facilities	187,230			
00.9101	Total direct program	3,712,994			
01.0101	Reimbursable program	57,507			
10.0001	Total	3,770,501			
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-26,927			
13.0001	Trust funds(-)	-30,413			
14.0001	Non-federal sources(-)	-167			
Unobligated balance available, start of year:					
21.4002	For completion of prior year budget plans				
21.4003	Available to finance new budget plans				
21.4009	Reprogramming from/to prior year budget plans	-17,657	-15,300		
22.4001	Unobligated balance transferred from other accounts (-)	-7,231	17,657		
Unobligated balance available, end of year:					
24.4002	For completion of prior year budget plans	15,300			
24.4003	Available to finance subsequent year budget plans				
39.0001	Budget authority	3,703,406	-15,300		
Budget authority:					
Appropriation					
40.0001	Appropriation rescinded (-)	3,789,937			
40.3501	Appropriation rescinded (unob bal)	-16,000			
40.3601	Appropriation pursuant to P.L. 101-165 (-)		-15,300		
40.7501	Reduction pursuant to P.L. 99-177 (disc) (-)	-1,058			
40.8001	Transferred to other accounts (-)	-44,799			
41.0001	Transferred from other accounts	-25,600			
42.0001		926			
43.0001	Appropriation (adjusted)	3,703,406	-15,300		

Aircraft Procurement, Army  
Program and Financing (In Thousands of dollars) FISCAL YEAR 1990

Obligations

Identification code	21-2031-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft	1,590,553	18,594	284,701	
00.0201	Modification of aircraft	712,618	314,890	70,764	
00.0301	Spares and repair parts	513,669	7,880	12,095	
00.0401	Support equipment and facilities	164,405	13,318	9,507	
00.9101	Total direct program	2,981,245	354,682	377,067	
01.0101	Reimbursable program	52,860	4,647		
10.0001	Total	3,034,105	359,329	377,067	
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-26,927			
13.0001	Trust funds(-)	-30,413			
14.0001	Non-federal sources(-)	-167			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans		-718,739	-377,067	
21.4009	Available to finance new budget plans		-15,300		
22.4001	Reprogramming from/to prior year budget plans				
22.4001	Unobligated balance transferred from other accounts (-)	-7,231	-17,657		
24.4002	Unobligated balance available, end of year:				
24.4003	For completion of prior year budget plans	718,739	377,067		
24.4003	Available to finance subsequent year budget plans	15,300			
39.0001	Budget authority	3,703,406	-15,300		
Budget authority:					
40.0001	Appropriation	3,789,937			
40.3501	Appropriation rescinded (-)	-16,000			
40.3601	Appropriation rescinded (unob bal)		-15,300		
40.7501	Reduction pursuant to P.L. 101-165 (-)	-1,058			
40.8001	Reduction pursuant to P.L. 99-177 (disc) (-)	-44,799			
41.0001	Transferred to other accounts (-)	-25,600			
42.0001	Transferred from other accounts	926			
43.0001	Appropriation (adjusted)	3,703,406	-15,300		

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Identification code	21-2031-0-1-051	Budget Plan (amounts for PROCUREMENT actions programed)		
		1990 actual	1991 est.	1992 est. 1993 est.
<b>Program by activities:</b>				
<b>Direct program:</b>				
00.0101	Aircraft		355,647	
00.0201	Modification of aircraft		477,428	
00.0401	Support equipment and facilities		262,712	
00.9101	Total direct program		1,095,787	
01.0101	Reimbursable program		34,000	
10.0001	Total		1,129,787	
<b>Financing:</b>				
<b>Offsetting collections from:</b>				
11.0001	Federal funds(-)		-20,196	
13.0001	Trust funds(-)		-13,311	
14.0001	Non-Federal sources(-)		-493	
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans			
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans			
39.0001	Budget authority		1,095,787	
<b>Budget authority:</b>				
40.0001	Appropriation		1,096,182	
40.7502	Reduction pursuant to P.L. 101-511 (-)		-395	
43.0001	Appropriation (adjusted)		1,095,787	



Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Obligations

Identification code	21-2031-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft		239,859	41,326	74,462
00.0201	Modification of aircraft		406,138	46,367	24,923
00.0401	Support equipment and facilities		223,833	25,286	13,593
00.9101	Total direct program		869,830	112,979	112,978
01.0101	Reimbursable program		34,000		
10.0001	Total		903,830	112,979	112,978
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)		-20,196		
13.0001	Trust funds(-)		-13,311		
14.0001	Non-Federal sources(-)		-493		
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans			-225,957	-112,978
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans		225,957	112,978	
39.0001	Budget authority		1,095,787		
Budget authority:					
40.0001	Appropriation		1,096,182		
40.7502	Reduction pursuant to P.L. 101-511 (-)		-395		
43.0001	Appropriation (adjusted)		1,095,787		

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1992

Identification code	21-2031-0-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)		
		1990 actual	1991 est.	1992 est. 1993 est.
Program by activities:				
Direct program:				
00.0101 Aircraft				847,091
00.0201 Modification of aircraft				658,253
00.0401 Support equipment and facilities				162,356
00.9101 Total direct program				1,667,700
01.0101 Reimbursable program				10,400
10.0001 Total				1,678,100
Financing:				
Offsetting collections from:				
11.0001 Federal funds(-)				3,404
13.0001 Trust funds(-)				-13,311
14.0001 Non-federal sources(-)				-493
21.4002 Unobligated balance available, start of year:				
For completion of prior year budget plans				
24.4002 Unobligated balance available, end of year:				
For completion of prior year budget plans				
40.0001 Budget authority (Appropriation)				1,667,700

Aircraft Procurement, Army  
Program and Financing (In Thousands of dollars) FISCAL YEAR 1992

Obligations

Identification code	21-2031-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101 Aircraft			636,952	87,792	
00.0201 Modification of aircraft			556,960	64,117	
00.0401 Support equipment and facilities			138,168	15,901	
00.9101 Total direct program			1,332,080	167,810	
01.0101 Reimbursable program			10,400		
10.0001 Total			1,342,480	167,810	
Financing:					
Offsetting collections from:					
11.0001 Federal funds(-)			3,404		
13.0001 Trust funds(-)			-13,311		
14.0001 Non-Federal sources(-)			-493		
21.4002 Unobligated balance available, start of year:					-335,620
For completion of prior year budget plans					
24.4002 Unobligated balance available, end of year:					167,810
For completion of prior year budget plans					
40.0001 Budget authority (Appropriation)			1,667,700		

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1993

Budget Plan (amounts for PROCUREMENT  
actions programmed)

Identification code	21-2031-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft				686,915
00.0201	Modification of aircraft				320,875
00.0301	Spares and repair parts				44,682
00.0401	Support equipment and facilities				194,928
00.9101	Total direct program				1,247,400
01.0101	Reimbursable program				53,600
10.0001	Total				1,301,000
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)				-39,796
13.0001	Trust funds(-)				-13,311
14.0001	Non-Federal sources(-)				-493
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans				
40.0001	Budget authority (Appropriation)				1,247,400

Aircraft Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1993

Obligations

Identification code	21-2031-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Aircraft				512,330
00.0201	Modification of aircraft				271,652
00.0301	Spares and repair parts				37,898
00.0401	Support equipment and facilities				165,320
00.9101	Total direct program				987,200
01.0101	Reimbursable program				53,600
10.0001	Total				1,040,800
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)				-39,796
13.0001	Trust funds(-)				-13,311
14.0001	Non-Federal sources(-)				-493
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans				260,200
40.0001	Budget authority (Appropriation)				1,247,400

Aircraft Procurement, Army  
(Rescission Proposal)  
Program and Financing (in Thousands of dollars) SUMMARY

		Budget Plan (amounts for PROCUREMENT actions programmed)		
		1990 actual	1991 est.	1992 est. 1993 est.
Identification code	21-2031-5-1-051			
Program by activities:				
10.0001	Total			-47,700
Financing:				
Unobligated balance available, start of year:				
21.4002	For completion of prior year budget plans			
Unobligated balance available, end of year:				
24.4002	For completion of prior year budget plans			
40.3001	Budget authority (Appropriation rescission p			-47,700
Relation of obligations to outlays:				
71.0001	Obligations incurred, net			
72.4001	Obligated balance, start of year			
74.4001	Obligated balance, end of year			
90.0001	Outlays			

Aircraft Procurement, Army  
(Rescission Proposal)  
Program and Financing (in Thousands of dollars) SUMMARY

Identification code	21-2031-5-1-051	Obligations			
		1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
10.0001	Total		-38,160	-4,770	-4,770
Financing:					
Unobligated balance available, start of year:					
21.4002	For completion of prior year budget plans		9,540		4,770
Unobligated balance available, end of year:					
24.4002	For completion of prior year budget plans		-9,540	-4,770	
40.3001	Budget authority (Appropriation rescission p		-47,700		
Relation of obligations to outlays:					
71.0001	Obligations incurred, net		-38,160	-4,770	-4,770
72.4001	Obligated balance, start of year		32,913	-32,913	-17,172
74.4001	Obligated balance, end of year			17,172	9,874
90.0001	Outlays		-5,247	-20,511	-12,068

Aircraft Procurement, Army  
(Rescission Proposal)  
Object Classification (in Thousands of dollars) SUMMARY

Identification code	21-2031-5-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Direct obligations:					
131.001 Equipment			-38,160	-4,770	-4,770
199.001 Total Direct obligations			-38,160	-4,770	-4,770
999.901 Total obligations			-38,160	-4,770	-4,770



Aircraft Procurement, Army  
(Rescission Proposal)

Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Budget Plan (amounts for PROCUREMENT  
actions programmed)

Identification code 21-2031-5-1-051

Program by activities:

10.0001 Total

-47,700

Financing:

Unobligated balance available, start of year:

21.4002 For completion of prior year budget plans

Unobligated balance available, end of year:

24.4002 For completion of prior year budget plans

40.3001 Budget authority (Appropriation rescission p

-47,700

Aircraft Procurement, Army  
(Rescission Proposal)

Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Obligations

Identification code	21-2031-5-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
10.0001	Total		-38,160	-4,770	-4,770
Financing:					
Unobligated balance available, start of year:					
21.4002	For completion of prior year budget plans			9,540	4,770
Unobligated balance available, end of year:					
24.4002	For completion of prior year budget plans		-9,540	-4,770	
40.3001	Budget authority (Appropriation rescission p		-47,700		

AIRCRAFT PROCUREMENT, ARMY

Section 2

Budget Activity Justification

Activity 1 - Aircraft

Activity 2 - Modification of Aircraft

Activity 3 - Spares and Repair Parts

Activity 4 - Support Equipment and Facilities

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation: AIRCRAFT PROCUREMENT, ARMY		FY 1992/1993 BUDGET	
	(THOUSANDS OF DOLLARS)			
Program or Budget Project Account				
Activity 1 - Aircraft				
	Actual	Estimate	Estimate	Estimate
	FY 1990	FY 1991	FY 1992	FY 1993
Direct Budget Plan	\$1,893,848	\$307,947	\$840,790	\$680,520

#### Section 1 - PURPOSE AND SCOPE

Provides for procurement and manufacture of airplanes, helicopters, and associated aircraft armament, flight simulators, training devices, and avionics equipment.

#### Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Guardrail Common Sensor - (P-1 Line Item No. 3):

(\$ in Thousands)  
FY 1992    FY 1993  
\$189,505    \$109,224

The FY 1992 request (\$189M) will procure six RC-12K reconnaissance aircraft and associated mission equipment. The FY 1993 (\$109M) request will procure five additional RC-12K aircraft and the related mission equipment. This system, GUARDRAIL Common Sensor, provides full Signal Intelligence support, including ELINT and COMINT at the Corps level.

Tractor Hall - (P-1 Line Item No. 4):

(\$ in Thousands)  
FY 1992    FY 1993  
\$    299    \$    204

These funds are requested for a classified program. Program description provided separately.

**Total Package Fielding - (P-1 Line Item No. 5):**

(\$ in Thousands)	
FY 1992	FY 1993
\$ 1,442	\$ 1,225

The FY 1992 and FY 1993 requests are for initial support equipment which is packaged with equipment and end items prior to delivery of equipment to Army units.

**AH-64 Attack Helicopter (Apache) - (P-1 Line Item No. 6):**

(\$ in Thousands)	
FY 1992	FY 1993
\$142,066	\$142,135

The APACHE is a twin-engine, two-place, fully integrated anti-armor weapon system capable of destroying tanks and other armored vehicles under day, night and adverse weather conditions. The aircraft employs the HELLFIRE anti-tank missile, Hydra 70 rockets, and 30mm gun. Target acquisition is accomplished by the Target Acquisition and Designation Sight (TADS) which enables extremely accurate fire with a high first round hit probability. Night navigation is provided by the Pilot Night Vision Sensor (PNVS). The \$142.1 million in FY 1992 includes \$53.5 million for contractor program management/engineering costs associated with supporting production deliveries for already-procured aircraft (final delivery in October 1993); \$11.6 million for Total Package Fielding, New Equipment Training, and First Destination Transportation; \$4.0 million for PM salaries and related costs; and \$73.0 million for trainer requirements (one new Combat Mission Simulator, block upgrade to existing simulators, and Integrated Crew Station Trainers). The \$142.1 million in FY 1993 includes \$103.1 million for contractor management and engineering costs associated with supporting production deliveries for already-procured aircraft; \$13.4 million for Total Package Fielding, New Equipment Training, and First Destination Transportation; \$4.0 million for PM salaries and related costs; and \$21.6 million for one Combat Mission Simulator.

Light Helicopter - (P-1 Line Item No. 7):

	(\$ in Thousands)	
	FY 1992	FY 1993
	\$ 0	\$ 8,703

Funding in FY 1993 is Long Lead procurement funding for initial Low Rate Initial Production (LRIP) purchases of T-800 engines.

UH-60 Black Hawk - (P-1 Line Item No. 8 and 9):

	(\$ in Thousands)	
	FY 1992	FY 1993
	\$507,478	\$419,029

The UH-60 is planned for continued procurement on a multiyear contract in FY 1992-1996 for a total of 300 UH-60L's. The \$507.5 million (including \$173.3 million advance procurement) in FY 1992 will fund the first year of the multiyear contract and will procure 60 UH-60L helicopters. The \$419.0 million (including \$171.9 million advance procurement) in FY 1993 continues to procure the UH-60L at a rate of 60 per year. The FY 1992-1996 procurement is part of a Dedicated Procurement Program for the upgrade of the Army National Guard equipment. The BLACK HAWK is the Army's primary utility helicopter with over 1100 aircraft procured through 1991. The UH-60 was the Army's first true squad carrying utility helicopter and is fully capable of operating in the modern battlefield. It has enhanced tactical mobility with increased speed, lift capability, range, reliability, availability, maintainability, and survivability.

Department of the Army		Appropriation:		FY 1992/1993	
Annual Budget Estimates		AIRCRAFT PROCUREMENT, ARMY		BUDGET	
JUSTIFICATION					
Program or Budget Project Account					
Activity 2 - Aircraft Modifications		(THOUSANDS OF DOLLARS)			
		Actual	Actual	Estimate	Estimate
		FY 1990	FY 1991	FY 1992	FY 1993
Direct Budget Plan		\$1,098,272	\$477,428	\$664,153	\$326,863

#### Section 1 - PURPOSE AND SCOPE

Provides for modifications of items and upgrade of equipment procured by the Aircraft Procurement, Army appropriation, including modification kits.

#### Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Tractor Dew - (P-1 Line Item No. 11):

	(\$ in Thousands)	
	FY 1992	FY 1993
	\$ 200	\$ 204

These funds are requested for a classified program. Program description is provided separately.

Guardrail Mods - (P-1 Line Item No. 13):

	(\$ in Thousands)	
	FY 1992	FY 1993
	\$ 31,936	\$102,614

These funds are requested to procure mission equipment and ground support equipment to upgrade GUARDRAIL aircraft procured in previous years.

AH-1S Mods - (P-1 Line Item No. 15):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 3,445	\$ 3,654

These funds are requested to continue modifications to the AH-1 COBRA fleet which will improve reliability, safety and capability, and extend the life and increase operational readiness. FY 1991 funds will provide for improvements to the air filter and TOW missile system test set, redesign of the swashplate, and main rotor flapping control.

AH-64 Mods - (P-1 Line Item No. 16):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 82,771	\$ 54,013

\$82.8M in FY92 and \$54.0M in FY93 are requested to perform modifications to the AH-64 A/ACHE helicopter, including integration of the Air-to-Air Stinger and Airborne Target Handover System; procurement of laser protective visors and installation of modifications; and Reliability, Availability and Maintainability (RAM)/Service Life Extension Program (SLEP) improvements.

CH-47 Cargo Helicopter (Mods) - (P-1 Line Item No. 17):

(\$ in Thousands)	
FY 1992	FY 1993
\$256,877	\$ 18,946

These funds are requested to continue the modernization program which upgrades CH-47 A and C models to the D configuration. These advances in design technology improve reliability and maintainability, reduce vulnerability, and increase life expectancy of each aircraft 20 years. The CH-47 is the Army's only active medium lift helicopter and is a key element in the Rapid Deployment Force. Operating at a rate of 48 aircraft per year, the total modernization program of 472 aircraft will be completed with a three year multi-year contract on FY 1990-1992.



OH-58 Mods - (P-1 Line Item No. 19):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 21,934	\$ 3,881

These funds are requested to continue safety and operational enhancements to the current fleet. The modifications will also provide a standoff, defensive/offensive capability against airborne and other armed threats.

Flight Data Recorder - (P-1 Line Item No. 21):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 499	\$ 10,109

\$ .5 million in FY 1992 and \$10.1 million in FY 1993 are requested to provide for field retrofit of the CH-47D and UH-60A/L with a flight data recorder with crash survivable memory unit for accident investigation.

UH-1 Mods - (P-1 Line Item No. 22):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 9,166	\$ 5,413

\$9.2 million in FY 1992 and \$5.4 million in FY 1993 are requested to upgrade UH-1 flight simulators and continue safety and sustainment modifications to the UH-1 aircraft that will not be retired. The flight simulators are used as the Army's instrument trainers in addition to UH-1 simulator. The existing flight simulator computer hardware is not supportable due to its age and must be replaced. Aircraft modifications include the Improved Particle Separator, Fine Oil Filtration and Burn-Off Chip Detector, Improved Night Vision Lighting, and SINGGARS.

UH-60 Mods - (P-1 Line Item No. 23):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 34,837	\$ 25,645

\$34.8 million in FY 1992 and \$25.6 million in FY 1993 are requested for continuation of various significant modifications to the fielded UH-60 helicopters. In FY 1992 and FY 1993 the primary efforts will be the Hover Infrared Suppressor System (HIRSS), SINGGARS, ANVIS/Heads-Up Display, Voice Altitude Warning System, and Improved Night Vision Lighting. These requirements are needed to improve the survivability of the UH-60 on the current battlefield and to increase the mission capability and mobility.

Armed OH-58D - (P-1 Line Item No. 24):

(\$ in Thousands)	
FY 1992	FY 1993
\$183,244	\$ 93,541

Funds requested for FY 1992 allow the retrofit of 20 OH-58D helicopters to the Armed OH-58D configuration. Funds requested in FY 1993 will provide for the retrofit of 38 OH-58D helicopters to an armed OH-58D configuration.

EH-60 Helicopter Mods - (P-1 Line Item No. 25):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 6,299	\$ 408

Funding provides for materiel changes to the EH-60 Quick Fix helicopter, a helicopter HF/VHF/UHF communications intercept, processing, direction finding, and jamming system. FY 1992 funds provide for 27 extended range fuel systems for increased mission time. FY 1992 and 1993 funds provide for replacement of AN/ARC-186 radios with SINGGARS (AN/ARC-201) and installation of the standard Black Hawk Extended Range Fuel System.

Airborne Avionics - (P-1 Line Item No. 26):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 0	\$ 1,021

\$1.0 million in FY 1993 is requested to continue modifications to aircraft cockpits and internal lighting configurations to ensure compatibility with AN/AVS-6 Aviator Night Vision Imaging System.

ASE Mods - (P-1 Line Item No. 27):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 19,045	\$ 7,414

These funds are requested to continue modifications for aircraft survivability equipment to meet current new and emerging threats. FY 1992 modifications include the AN/ALQ-144 Infrared Jammers, upgrades to the AN/APR-39A(V)1 Spiral Antenna Assembly and Night Vision Goggle Combat Lighting. The 1993 request will continue modifications to the AN/APR-39A(V)1 Spiral Antenna Assembly and the AN/ALQ-144 Infrared Jammers.

Modifications Less Than \$2.0 Million - (P-1 Line Item No. 28):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 13,900	\$ 0

FY 92 funds are requested for Desert Storm modifications to airplanes, helicopters and avionics equipment for which total program costs are less than \$2.0 million. Modifications include Common Ground Equipment (battle damage repair kits, nitrogen boost pumps, PEATS engine test sets); OH-58 A/C (engine oil filters, high skid gear); ASGE X-4 Storage Containers; Tactical Terminal Control Systems; and radar altimeters and aural warning sets for the AH-1, AH-64, CH-47, OH-58D and UH-60 helicopters.

Department of the Army	Appropriation:				FY 1992/1993
Annual Budget Estimates	AIRCRAFT PROCUREMENT, ARMY				BUDGET
JUSTIFICATION					
Program or Budget Project Account	(THOUSANDS OF DOLLARS)				
Activity 3 - Spares and Repair Parts					
	Actual	Actual	Estimate	Estimate	
	FY 1990	FY 1991	FY 1992	FY 1993	
Direct Budget Plan	\$533,644	\$ 0	\$ 0	\$ 44,682	

### Section 1 - PURPOSE AND SCOPE

Provides for procurement of spares and repair parts in support of new or modified systems.

### Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Spare Parts (Air) - (P-1 Line Item No. ):

(\$ in Thousands)  
 FY 1992    FY 1993  
 \$        0    \$ 44,682

An approved initiative of the Army Management Review was to finance the purchase of all depot level repairable (DLRs) secondary items through the Army Stock Fund (ASF) beginning in FY 91 with full implementation in FY 93. DLR war reserve funding was transferred to the ASF was reserve account in FY 91. The funding for replenishment DLRs will be requested in customer accounts (primarily OMA) beginning in FY 92. The funds contained in FY 93 will purchase initial support DLRs from the ASF. Initial support DLR funding procures spares and repair parts for the initial fielding of new or modified systems to include engines and engine modules. The FY 93 funds will procure initial support DLRs for the following aircraft end items that will be fielded in FY 93:

Program	(\$ Millions)	
ASE	3.2	ANVIS
AH-64	13.6	ATAS
UH-60	9.4	AVIONICS
RC-12D	2.4	TRACTOR FIX
CH-47D	5.0	
AHIP	1.3	
		TOTAL INITIAL SPARES
		44.7

Department of the Army		Appropriation:		FY 1992/1993	
Annual Budget Estimates		AIRCRAFT PROCUREMENT, ARMY		BUDGET	
JUSTIFICATION					
Program or Budget Project Account		(THOUSANDS OF DOLLARS)			
Activity 4 - Support Equipment and Facilities					
		Actual		Estimate	
		FY 1990	FY 1991	FY 1992	FY 1993
Direct Budget Plan		\$187,230	\$262,712	\$162,757	\$195,335

#### Section 1 - PURPOSE AND SCOPE

Provides for aircraft survivability equipment, avionics support equipment, common ground equipment (including tool sets, shop sets and components thereof), ground handling/servicing equipment, special test and diagnostic equipment, fixed base airfield support equipment (air traffic control), aviation life support equipment (ALSE), tactical air traffic control systems, airborne command and control consoles, industrial facilities (including provisions for industrial facilities, depot maintenance plant equipment, and value engineering), and 2.75 inch rocket launchers.

#### Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Aircraft Survivability Equipment (ASE) - (P-1 Line Item No. 34):

(\$ in Thousands)		
FY 1992	FY 1993	
\$ 48,035	\$ 71,650	

Funding is required to continue procurement of Radar Warning Receivers, Infrared Jammers, Radar Jammers/Countermeasures, Interactive Systems and ASE Tactical Threat Array Simulators. The ASE program provides self-protection, both active and passive, against antiaircraft systems. It enables Army tactical aircraft to accomplish missions on the modern battlefield by enhancing aircraft and aircrew survivability.

Airborne Command and Control Consoles - (P-1 Line Item No. 35):

(\$ in Thousands)		
FY 1992	FY 1993	
\$ 5,989	\$ 6,758	

Funding is requested for production and installation of AN/ASC-15B consoles.

Avionics Support Equipment - (P-1 Line Item No. 36):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 27,057	\$ 34,923

Funding is requested to procure third generation aviation night vision goggles which provide enhanced warfighting capability during night helicopter operations.

Common Ground Equipment - (P-1 Line Item No. 37):

(\$ in Thousands)	
FY 1992	FY 1993
\$47,465	\$59,524

Funding is required to continue procurement of various items of aircraft support equipment, including Airfield Support Equipment; Aviation Life Support Equipment; Sets, Kits and Outfits; Aviation Ground Support Equipment; and the AN/PRC-112 Survival Radio.

Air Traffic Control - (P-1 Line Item No. 38):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 1,996	\$ 5,921

\$2.0 million in FY 1992 and \$5.9 million in FY 1993 are requested for the Tactical Terminal Control System (TTCS) as part of a tri-service acquisition. The TTCS will ensure safety of flight in remote areas during combat operations.

Industrial Facilities - (P-1 Line Item No. 40):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 27,690	\$ 15,549

Funding is requested to support Army Aviation Program Industrial Facilities. The FY 1992 funds are for Rehabilitation and Provisioning of Industrial Facilities (\$4.6M), Depot Maintenance Plant Equipment (\$22.2M) and Value Engineering (\$.8). The FY 1993 request includes funding for Rehabilitation and Provisioning of Industrial Facilities (\$5.1M), Depot Maintenance Plant Equipment (\$9.4) and Value Engineering (\$1.0).

2.75 inch Rocket Launchers - (P-1 Line Item No. 41):

(\$ in Thousands)	
FY 1992	FY 1993
\$ 4,525	\$ 1,010

Funding is requested for M260 and M261 Lightweight Rocket Launchers to be used on the AH-1 COBRA/TOW and AH-64 APACHE attack helicopters. These launchers are required in order to fire the new family of Hydra 70 rockets with remote set fuzing options.

AIRCRAFT PROCUREMENT, ARMY

Section 3

Comparison of Programing Requirements and Financing

Comparison of FY 1991 program requirements as reflected in the FY 1991 Budget with FY 1991 program requirements as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1991 financing as reflected in the FY 1991 Budget with FY 1991 financing as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1990 program requirements as reflected in the FY 1991 Budget with FY 1990 program requirements as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1990 financing as reflected in the FY 1991 Budget with FY 1990 financing as shown in the FY 1992/1993 Budget Estimate.



COMPARISON OF FY 1991 PROGRAM REQUIREMENTS  
AS REFLECTED IN THE FY 1991 BUDGET  
WITH THE FY 1991 PROGRAM REQUIREMENTS AS SHOWN  
IN THE FY 1992/1993 BUDGET ESTIMATE  
SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation	FY 1991 Requirements Per FY 1991 Budget	FY 1991 Requirements Per FY 1992/1993 Budget Estimate	Increase (+) or Decrease (-)
Aircraft Procurement, Army			
Activity 1 - Aircraft	687,572	355,647	-331,925
Activity 2 - Modification of Aircraft	624,682	477,428	-147,254
Activity 3 - Spares and Repair Parts			
Activity 4 - Support Equipment and Facilities	270,946	262,712	-8,234
TOTAL	1,583,200	1,095,787	-487,413

EXPLANATION BY ACTIVITY

Activity 1 - Aircraft - The net decrease resulted from Congressional adjustments to Grisly Hunter (\$-10,430), C-12 (\$+24,900), Total Package Fielding (\$-16,200), AH-64 (\$-12,900), UH-60 (\$-167,500), UH-60 Adv Proc (\$-149,500) and general reduction for discount airfare savings (\$-295).

Activity 2 - Modification of Aircraft - The net decrease resulted from Congressional adjustments to AH-64 Mods (\$-48,287), CH-47 Mods (\$-3,200), OH-58 Mods (\$-4,200), UH-60 Mods (\$-15,500), AHIP (\$-34,800), Tractor Heavy (\$-767), general reductions for retirement of obsolete aircraft (\$-40,400) and consultant service savings (\$-100).

Activity 4 - Support Equipment and Facilities - The net decrease resulted from Congressional adjustments to Airborne Command and Control Module (\$+7,800), Air Survivability Equip (\$-7,000), and Avionics Support Equip (\$-9,034).

COMPARISON OF FY 1991 FINANCING AS REFLECTED  
IN THE FY 1991 BUDGET WITH FY 1991 FINANCING  
AS SHOWN IN FY 1992/1993 BUDGET ESTIMATE

	(In Thousands of Dollars)			
Appropriation	FY 1991	FY 1991	FY 1991	FY 1991
Aircraft Procurement, Army	Financing Per	Financing Per	Financing Per	Increase (+)
	FY 1991 Budget	FY 1992/1993	or	
		Budget Estimate	Decrease (-)	
Program Requirements (Total)	1,636,800	1,129,787		-507,013
Program Requirements (Service Account)	(1,583,200)	(1,095,787)		(-487,413)
Program Requirements (Reimbursable)	(53,600)	(34,000)		(-19,600)
Less:				
Anticipated reimbursements	-53,600	-34,000		+19,600
Unobligated balance available to finance new budget plans		-15,300		-15,300
Unobligated balance transferred from other accounts		-17,657		-17,657
Add:				
Reprogramming from/to prior year budget plans		+17,657		+17,657

**BUDGET AUTHORITY**

Appropriation

	1,583,200	1,080,487	-502,713
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**EXPLANATION:**

The reimbursable program (offsetting collections) decreased by \$19,600 because of change in Spare Parts policy.

The unobligated balance available from prior year to finance new budget plans (\$-15,300) resulted from the FY 1991 rescission.

The unobligated balance available to finance subsequent year budget plans (\$-17,657) and reprogramming from/to prior year budget plans (\$17,657) resulted from an Army reprogramming for Desert Shield.

COMPARISON OF FY 1990 PROGRAM REQUIREMENTS  
AS REFLECTED IN THE FY 1991 BUDGET  
WITH THE FY 1990 PROGRAM REQUIREMENTS AS SHOWN  
IN THE FY 1992/1993 BUDGET ESTIMATE  
SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation	FY 1990 Requirements Per FY 1991 Budget	FY 1990 Requirements Per FY 1992/1993 Budget Estimate	Increase (+) or Decrease (-)
Aircraft Procurement, Army			
Activity 1 - Aircraft	1,912,948	1,893,848	-19,100
Activity 2 - Modification of Aircraft	1,045,331	1,098,272	+52,941
Activity 3 - Spares and Repair Parts	534,090	533,644	-446
Activity 4 - Support Equipment and Facilities	223,111	187,230	-35,881
TOTAL	3,715,480	3,712,994	-2,486

EXPLANATION BY ACTIVITY

Activity 1 - Aircraft - The net decrease results from net below-threshold reprogrammings (\$-19,100).

Activity 2 - Modification of Aircraft - The net increase resulted from Army reprogrammings for Military Pay (\$-13,000), Hurricane Hugo (\$+7,231) and Desert Shield (\$+14,757), FY 1991 rescission (\$-6,100), and net below threshold reprogrammings (\$+50,053).

Activity 3 - Spares and Repair Parts - The net decrease resulted from a transfer from the Drug Interdiction Program (\$+926) and net below-threshold reprogrammings (\$-1,372).

Activity 4 - Support Equipment and Facilities - The net decrease resulted from an Army reprogramming for Desert Shield (\$+2,900), FY 1991 rescission (\$-9,200) and net below-threshold reprogrammings (\$-29,581).

COMPARISON OF FY 1990 FINANCING AS REFLECTED  
IN THE FY 1991 BUDGET WITH FY 1990 FINANCING  
AS SHOWN IN FY 1992/1993 BUDGET ESTIMATE

	(In Thousands of Dollars)			
	FY 1990 Financing Per FY 1991 Budget	FY 1990 Financing Per FY 1992/1993 Budget Estimate	FY 1990 Increase (+) or Decrease (-)	
Appropriation				
Aircraft Procurement, Army				
Program Requirements (Total)	3,775,780	3,770,501	-5,279	
Program Requirements (Service Account)	(3,715,480)	(3,712,994)	(-2,486)	
Program Requirements (Reimbursable)	(60,300)	(57,507)	(-2,793)	
Less:				
Anticipated reimbursements	-60,300	-57,507	+2,793	
Unobligated balance available to finance new budget plans	-8,333	-8,333	0	
Reprogramming from/to prior year budget plans		-30,908	-30,908	
Unobligated balance transferred from other accounts		-7,231	-7,231	
Add:				
Unobligated balance transferred to other accounts		+5,000	+5,000	
Unobligated balance available to finance subsequent year budget plans	+16,000	+15,300	-700	
Unobligated balance reductions pursuant to P.L. 99-177	+8,333	+8,333	0	
Unobligated balance lapsing		+8,251	+8,251	

BUDGET AUTHORITY

Appropriation

3,731,480 3,703,406 -28,074

EXPLANATION:

The reimbursable program (offsetting collections) decreased by \$2,793 because orders from Foreign Military Sales did not materialize as anticipated.

The reprogramming from/to prior year budget plans resulted from Army reprogramming for Desert Shield (\$-17,657), transfer to Air Force (\$-5,000) and FY 1988 unobligated balance lapsing (\$-8,251)

The unobligated balance transferred from other accounts resulted from a Hurricane Hugo reprogramming (\$-7,231).

The unobligated balance transferred to other accounts resulted from a FY 1989 reprogramming to the Air Force.

The unobligated balance available to finance subsequent year budget plans resulted from the FY 1990 and FY 1991 recissions.

COMPARISON OF FY 1991 PROGRAM REQUIREMENTS  
AS REFLECTED IN THE FY 1991 BUDGET  
WITH THE FY 1991 PROGRAM REQUIREMENTS AS SHOWN  
IN THE FY 1992/1993 BUDGET ESTIMATE  
SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation	FY 1991 Requirements Per FY 1991 Budget	FY 1991 Requirements Per FY 1992/1993 Budget Estimate	Increase (+) or Decrease (-)
Aircraft Procurement, Army			
Supplemental: Rescission Proposal			
Activity 1 - Aircraft	0	-47,700	-47,700
TOTAL	0	- 47,700	-47,700

EXPLANATION BY ACTIVITY

Activity 1 - Aircraft - The net decrease resulted from a proposed FY 1991 rescission to the UH-60 Advance Procurement program.

COMPARISON OF FY 1991 FINANCING AS REFLECTED  
IN THE FY 1991 BUDGET WITH FY 1991 FINANCING  
AS SHOWN IN FY 1992/1993 BUDGET ESTIMATE

	(In Thousands of Dollars)		
	FY 1991	FY 1991	FY 1991
	Financing Per	Financing Per	Increase (+)
	FY 1991 Budget	FY 1992/1993	or
		Budget Estimate	Decrease (-)
Appropriation			
Aircraft Procurement, Army			
Supplemental: Rescission Proposal			
Program Requirements (Total)	0	-47,700	-47,700
Program Requirements (Service Account)	(0)	(-47,700)	(-47,700)
Program Requirements (Reimbursable)	(0)	(0)	(0)
Less:			
Anticipated reimbursements	0	0	0

BUDGET AUTHORITY

Appropriation

0 -47,700 -47,700

EXPLANATION:

The appropriation decrease resulted from a proposed FY 1991 rescission.

AIRCRAFT PROCUREMENT, ARMY

Section 4

Status of Aircraft Modification Programs



# Status of Aircraft Modification Programs

## FY 1989 Modification Programs

Programs as of 30 November 1990 (\$ Millions)

<u>Program</u>	<u>Appropriated</u>	<u>Reprogramming</u>	<u>Total Program Value</u>	<u>Total Obligations</u>	<u>Total Disbursements</u>
OV-1 Mods	6.2	-.1	6.1	5.9	.4
Guardrail (RC-12) Mods	31.9	7.4	39.3	39.3	20.1
RU-21 Mods	7.5	-3.8	3.7	3.5	-
AH-1 Mods	29.3	-.3	29.0	28.9	22.4
AH-64 Mods	6.3	-4.4	1.9	1.8	.1
CH-47 Mods	246.3	7.0	253.3	252.8	186.7
OH-58 Mods	17.4	1.5	18.9	18.1	7.5
UH-60 Mods	23.4	9.8	33.2	33.2	.1
Army Helicopter Improvement Program (AHIP/OH-58D)	202.6	-.9	201.7	199.5	80.9
Airborne Avionics	2.7	1.8	4.5	4.4	3.1
ASE Mods	13.1	21.7	34.8	34.8	15.2
Aircraft 9WV	24.0	-.2	23.8	23.5	15.2
SOF Aircraft Mods	120.5	-.9	119.6	98.8	49.7

# Status of Aircraft Modification Programs

## FY 1990 Modification Programs

Programs as of 30 November 1990 (\$ Millions)

<u>Program</u>	<u>Appropriated</u>	<u>Reprogramming</u>	<u>Total Program Value</u>	<u>Total Obligations</u>	<u>Total Disbursements</u>
OV-1 Mods	15.2	-15.0	.2	.2	-
Guardrail (RC-12) Mods	43.1	2.5	45.6	43.7	.6
RU-21 Mods	1.5	-.1	1.4	1.3	.1
AH-1 Mods	5.9	4.5	10.4	10.0	-
AH-64 Mods	21.0	-6.2	14.8	7.4	-
CH-47 Mods	277.0	11.5	288.5	286.1	58.6
OH-58 Mods	23.2	-1.4	21.8	16.0	.3
UH-1 Mods	9.6	-4.7	4.9	4.9	-
UH-60 Mods	40.9	9.4	50.3	41.7	-
Army Helicopter Improvement Program (AHIP/OH-58D)	195.0	-3.1	191.9	165.7	.2
C-20 Aircraft mods	0.0	2.0	2.0	-	-
ASE Mods	7.1	9.1	16.2	16.2	-
Aircraft 9WV	19.7	15.0	34.7	25.7	6.3
SOF Aircraft Mods	330.0	-3.9	326.1	83.1	-
Tractor Heavy Mods	.8	-	.8	.8	-
		1-47			

# Status of Aircraft Modification Programs

## FY 1991 Modification Programs

Programs as of 30 November 1990 (\$ Millions)

<u>Program</u>	<u>Appropriated</u>	<u>Reprogramming</u>	<u>Total Program Value</u>	<u>Total Obligations</u>	<u>Total Disbursements</u>
OV-1 Mods	.1	-	.1	-	-
Guardrail (RC-12) Mods	31.6	-	31.6	28.9	-
RU-21 Mods	3.7	-	3.7	-	-
AH-1 Mods	3.0	-	3.0	-	-
AH-64 Mods	48.1	-	48.1	-	-
CH-47 Mods	290.9	-	290.9	2.0	-
OH-58 Mods	7.8	-	7.8	-	-
UH-1 Mods	10.2	-	10.2	-	-
UH-60 Mods	58.0	-	58.0	-	-
Army Helicopter Improvement Program (AHIP/OH-58D)	13.2	-	13.2	-	-
ASE Mods	11.5	-	11.5	-	-

AIRCRAFT PROCUREMENT, ARMY

Section 5

Flight Simulator Procurement Program

Exhibit PB-32E

Exhibit P-43

FLIGHT SIMULATOR DATA SHEET  
FY 1992/1993 Program

Simulator Model: AH-64 Combat Mission Simulator

Aircraft System Supported: AH-64

Description of Simulator: The prototype AH-64 Combat Mission Simulator is designed to provide a training capability for flight and weapon delivery, normal and emergency procedures and sensor system operating tasks required in the operational design basis helicopter. The simulator consists of pilot and copilot/gunner trainee modules, instructor modules, motion subsystems, visual subsystems and a computer complex. The pilot and copilot/gunner trainee modules are replicas of the actual aircraft cockpits, and each is mounted on a six degree freedom-of-motion base. The visual subsystem approximates crew member video displays. Simulated imagery includes Forward Looking Infrared (FLIR), Day Television (DTV) and Direct View Optics (DVO). Pilot displays consist of the Integrated Helmet and Display Sight System Helmet Display Unit (IHADSS HDU) and a panel mounted Video Display Unit (VDU). Gunner displays include the IHADSS HDU, a target acquisition and designation sight Heads Down Display (HDD) and a TADS Heads Out Display (HOD). The simulator functions will be controlled from the instructor's station located behind each trainee module. The pilot and copilot/gunner will have the capability to train individually or may train as a team performing an integrated combat mission. One CMS will be procured in FY 1992 and one will be procured in FY 1993.

Development Status: Development of the CMS was completed in FY 1988 at a cost of approximately \$84.0 million.

<u>Funding Data:</u> (\$ in millions)	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>	<u>FY 1993</u>
Quantity	0	0	1	1
Procurement (APA)	0	0	60.1	21.7
RDTE	0	0	0	0
Total	0	0	60.1	21.7

Basis for FY 1992/1993 Request: One CMS will be procured in FY 1992 and one CMS will be procured in FY 1993.

Contract Data: Contract dates for the FY 1992 and 1993 procurements are November 1992 and November 1993, with deliveries projected for December 1994 and December 1995.

EXHIBIT PB-32E

FLIGHT SIMULATOR DATA SHEET  
FY 1992/1993 Program

Simulator Model: Integrated Crew Systems Trainer (ICST)

Aircraft System Supported: AH-64

Description of Simulator: The Integrated Crew Systems Trainer (ICST)(formerly Cockpit Weapons and Emergency Procedures Trainer (CWEPT) is a easily transportable, full scale mock-up crew station for both the pilot and copilot/gunner, that is electronically interconnected. This allows an instructor the means to review and develop crew procedures as well as complete weaponization training for the aircrew. This computer based medium allows both automated and instructor/crew member interactive training scenarios. The ICST will enhance pilot and copilot/gunner sustainment training capabilities within attack helicopter units by providing logical, interactive and progressive blocks of training in cockpit procedures, weapons switchology, crew integration and emergency procedures. This capability augments the efficiency and effectiveness of training derived from the Combat Mission Simulator (CMS) and actual aircraft by optimizing skill development in a lower cost medium before utilizing either the CMS or aircraft. A legitimate cost avoidance will also be realized.

Development Status:

<u>Funding Data:</u> (\$ in millions)	<u>FY 1990</u>	<u>FY 1991</u>	<u>FY 1992</u>	<u>FY 1993</u>
Quantity	4	0	5	0
Procurement (APA)	12.3	0	12.9	0
RDTE	0	0	0	0
Total	12.3	0	12.9	0

Basis for FY 1992/1993 Request: In FY 1992, 5 ICST's will be procured.

Contract Data: Under the auspices of the APACHE Integrated Training Program a contract was established in FY 1991 that allows delivery 18 months after each delivery order.

FY 1992/1993 BUDGET ESTIMATES  
FLIGHT SIMULATOR AND OTHER AIRCRAFT TRAINING EQUIPMENT

EXHIBIT P-43

(Dollars in Millions)

APPROPRIATION: Aircraft Procurement, Army

<u>Weapon System</u>	<u>Equipment Nomenclature</u>	<u>P-1 Line Item</u>	<u>FY 1990 Qty/Amount</u>	<u>FY 1991 Qty/Amount</u>	<u>FY 1992 Qty/Amount</u>	<u>FY 1993 Qty/Amount</u>
AH-64 (2B40)(SSN A09000)	CMS	6			1/60.1	1/21.7
AH-64 (2B40)(SSN A09000)	ICST	6	4/12.3		5/12.9	